

PAHANG MOSQUES AND SURAU PORTAL

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SUPERVISOR'S DECLARATION

I hereby declare that I have checked this thesis and in my opinion, this thesis adequate in terms of scope and quality for the award of the degree of Bachelor of Computer Science (Graphics and Multimedia Technology).

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STUDENT'S DECLARATION

I hereby declare that the work in this thesis is based on my original work except for quotations and citations which have been duly acknowledged. I also declare that it has not been previously or concurrently submitted for any other degree at Universiti Malaysia Pahang or any other institutions.

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ABSTRAK

Dalam era pemodenan hari ini, kebanyakan industri menggunakan sistem dalam talian untuk mengakses maklumat, memohon pekerjaan, pinjaman dan banyak perkara lain. Dengan menggunakan Masjid Pahang dan Portal Surau, orang ramai boleh mendapatkan maklumat mengenai masjid dan surau di Pahang dengan mudah dan pelancong muslim boleh mengetahui masjid di Pahang. Bagi penduduk tempatan berhampiran masjid atau surau, mereka tidak akan terlepas sebarang aktiviti yang dianjurkan oleh masjid atau surau berhampiran dengan sistem ini. Bukan itu sahaja, sistem ini memudahkan sesiapa yang ingin mendermakan ke masjid dengan lebih mudah dan cepat melalui pemindahan pada akaun yang disediakan tanpa mengira jaraknya. Objektif sistem ini adalah untuk memberi maklumat yang tepat dan terkini mengenai masjid dan surau di Pahang. Sistem ini juga membantu pengguna mengetahui lokasi masjid atau surau dalam peta dengan menyambung ke peta Google dan sistem ini mahu membantu pengguna membuat sumbangan lebih cepat dan cekap. Sistem ini dibangunkan untuk Jabatan Agama Islam Pahang (JAIP) untuk memudahkan mereka menguruskan apa-apa yang berkaitan dengan masjid dan juga untuk membantu masjid atau surau jawatankuasa untuk menyimpan maklumat yang lebih tepat. Pembangunan Aplikasi Rapid (RAD) adalah kaedah atau teknik yang digunakan untuk membangunkan sistem ini. Terdapat empat peringkat atau fasa dalam RAD iaitu fasa keperluan, fasa reka bentuk, fasa pembinaan dan fasa peralihan.

ABSTRACT

In today's modernization era, most industries use the online system to access information, apply for jobs, loans and many other things. By using the Pahang Mosques and Surau Portal, people can get information about the mosque and surau in Pahang easily and Muslim tourists can know the mosque in Pahang. For local residents near the mosque or surau, they will not miss any activities organized by the mosque or surau near them with this system. Not only that, this system makes it easy for anyone who wants to donate to the mosque more easily and quickly through transfer on the account provided regardless of the distant. The objective of this system is to provide accurate and up-to-date information regarding mosques and surau in Pahang. This system also helps users to know the location of the mosque or surau in the map by connecting to Google maps and this system wants to help users to make donations more quickly and efficiently. The system was developed for the Pahang Islamic Religious Department (JAIP) to facilitate them to manage anything relating to the mosque and also to assist mosque or surau committee members to keep information that more accurate. Rapid Application Development (RAD) is a method or technique used to develop this system. There are four stages or phases in the RAD which are requirement phase, the design phase, the development phase and the cutover phase.

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LIST OF ABBREVIATIONS

HTTP	Hypertext Transfer Protocol
JAIP	Jabatan Agama Islam Pahang
UML	Unified Modeling Language
Java	Computer programming language
XML	eXtensible Markup Language
URL	Uniform Resource Locator
iOS	iPhone Operating System
PDF	Portable Document Format
RAD	Rapid Application Development
WBS	Work Breakdown Structure

CHAPTER 1

INTRODUCTION

1.1 BACKGROUND STUDY

Nowadays, people tend to use online application to search everything about what they need. By having a mosque portal, it will be able to assist the Muslim or anyone that wants to find or search information about certain mosque. It is also can help and make it easier to the management to update the information about the mosque so that the user of the portal can get the latest information and does not need to go to the specific mosque to find someone that can give user the information.

The location of the mosque in Pahang on the map, the details information, the facilities of the mosque in the specific mosque and make donation by getting the information of the account number of the mosque and transfer it using online banking can be done by using Pahang Mosques & Surau Portal. With this system, the number of mosques and surau in Pahang can be identified more accurate. The system is develop for Jabatan Agama Islam to store the information related to mosque in Pahang such as background of the mosque and surau, activities of the mosques and surau so that the user can easily find about the mosque in Pahang.

1.2 PROBLEM STATEMENTS

The problems statement with the description and effect can be refer in the Table 1.1.

Table 1.1 Problems statement with description and effect

No	Problem	Description	Effect
1	Lack information about mosque in Pahang.	The user does not know about the mosque such as activities that will be held at the mosque.	The difficulties to find the information of mosque in Pahang.
2	Time consuming	The muslim traveller need to explore to find the mosque.	The muslim traveller will be lost and takes time for them to find the nearest mosque.
3	Not convenience and effective to make donation.	People from far cannot give donation to the mosque.	People cannot give donation and does not sure the security of the money.

1.3 OBJECTIVE

The main objective of this system to be achieved are:

- i) To study the existing of the mosque in Pahang such as infrastructure, facilities, recent activities, list of committee member and any information related to mosque.
- ii) To design and develop the web-based system that can provide information of the mosques and surau in Pahang.
- iii) To evaluate the effectiveness of make donation online.

1.4 SCOPE

The scope of the project are:

The user scope for this system:

- i) Jabatan Agama Islam Pahang's staff.
- ii) Public User

The system scope for this system:

- i) A web-based system in English language.
- ii) Provide information about the mosques and surau in Pahang.

Development Scope:

- i) Contains elements of multimedia such as graphics, and text.
- ii) Using Notepad++ and XAMPP.

1.5 SIGNIFICANCE

This study will be contribute to the Jabatan Agama Islam Pahang and public user as explain below:

- i) Jabatan Agama Islam Pahang's staff

The staff can manage and insert the data as an administrator to control the activities in the system.

- ii) Public User

Public User can view the system to know the information about the mosque in such as about the mosque in details, the activities and user also can make donation to the mosque.

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